

Double Pump Skid Unit



Profile

The KOLLER Double Pump Skid Unit is built for pumping fluids.

The pump unit is adaptable to permit various liner sizes to be fitted for either high pressure / low rate or low pressure / high rate operations within the constraints of the available BHP.

The unit is capable of pumping for prolonged durations. The unit is equipped with two hydraulic driven on board booster/ fill pumps. The unit has a displacement tank with two compartments - each 11 bbl .

The tank are installed in such a way that the operator can view the entire tank volume from the operator `s platform.

- 2x Caterpillar C15 engine, 433 kW / 580 HP
- 2x Allison OFS 4700 transmission
- 2x SPM TWS 600S plunger pump
- equipped with two hydraulic driven on board booster pumps - integrated booster / fill pump to feed the SPM TWS 600 S - possibility to pump from an external source
- complete sun roof to protect the operator and the unit components
- It is possible to use the unit mounted on a trailer during operation.
- operator panel protected with doors and shock absorbers

Double Pump Skid Unit

Dimensions

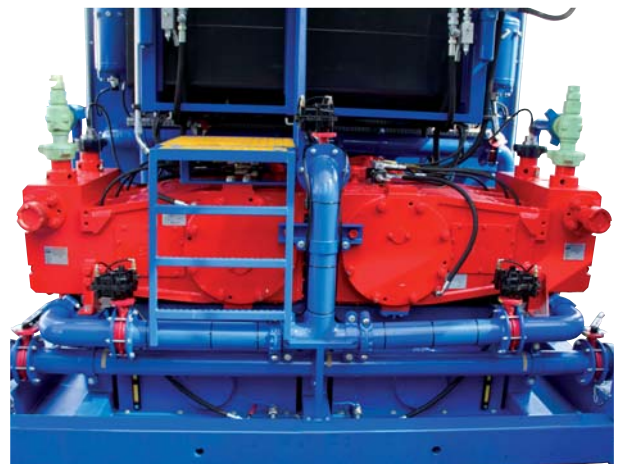
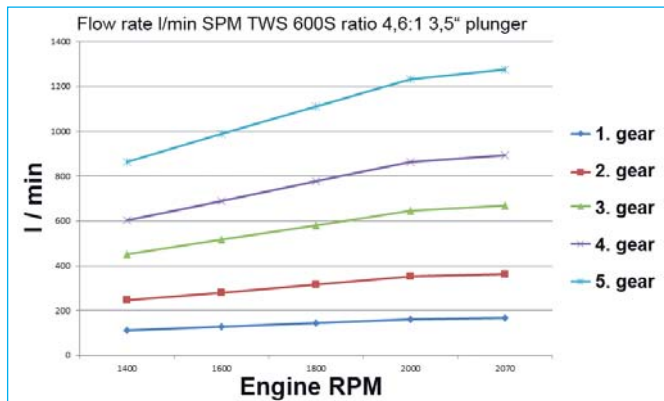
Length mm / ft	7,200 / 24.00
Width mm / ft	3,000 / 10.00
Height mm / ft	3,182 / 10.40
Weight kg / lbs	23,000 / 50,706

Technical Data

Engine Power hp / kW	2x 580 / 433
Shift Engine Speed rpm	2 x 2,100
Hydraulic Reservoir l	350
Fuel Reservoir l	950
Lubrication Reservoir l	2 x 200
Ambient Temperature °C	0°C / + 55 °C



Pump Performance with 3.5" Plunger (other diameters on request)



Flow Rate / Pressure with 3.5" Plunger

engine rpm	1. gear		2. gear		3. gear		4. gear		5. gear	
	flow / min in l	pressure bar	flow / min in l	pressure bar	flow / min in l	pressure bar	flow / min in l	pressure bar	flow / min in l	pressure bar
1400	113.2	1,417.6	246.1	652.1	452.2	354.9	604.0	265.7	863.7	185.8
1600	129.4	1,355.6	281.2	623.6	516.8	339.3	690.3	254.1	987.7	177.7
1800	145.5	1,256.1	316.4	577.9	581.4	314.4	776.6	235.4	1,110.5	164.6
2000	161.7	1,130.5	351.5	520.1	646.0	283.0	862.9	211.9	1,233.9	148.2
2070	167.4	1,092.3	363.8	520.5	668.6	273.4	893.1	204.7	1,277.1	143.2

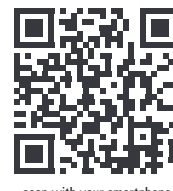
Engine Power Caterpillar C15 433 kW / 580 HP

power (kW)	252	288	347	388	406	418	428	433	433	433	433
speed (rpm)	1,100	1,200	1,300	1,400	1,500	1,600	1,700	1,800	1,900	2,000	2,100
torque Nm	2,190	2,292	2,549	2,647	2,585	2,495	2,404	2,297	2,176	2,068	1,967



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